

# SKRIPSI

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## **UJI BIOAKTIVITAS ANALGETIKA PRODUK *Phyllanthus niruri* L. TERSTANDAR DENGAN METODE WRITHING TEST**



**FAKULTAS FARMASI  
UNIVERSITAS AIRLANGGA  
BAGIAN ILMU BAHAN ALAM  
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**Lembar Pengesahan**

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## ABSTRACT

### **Analgetic evaluation from standardized product of *Phyllanthus niruri* L. with *Writhing Test* method**

*Phyllanthus niruri* L, is one of Rubiaceae family's plant which contains of quercetine, (+) catechine, flavan-3-ol, isoflavone, tanin and geraniin. Quercetine, (+) catechine, flavan-3-ol, isoflavone, tanin and also geraniin could inhibit prostaglandin and histamin. The aim of this research is to determine analgetic bioactivity from standardized product of *Phyllanthus niruri* L. The analgetic bioactivity was evaluated by *Writhing Test* method. The result showed that standardized product of *Phyllanthus niruri* L. dose 1 (1,599 mg / 20 g body weight), dose 2 (3,198 mg / 20 g body weight), dose 3 (4,797 mg / 20 g body weight) have analgetic bioactivity.

**Keywords :** Standardized product of *Phyllanthus niruri* L., Analgetic bioactivity, *Writhing Test*.